



## **COMMONWEALTH of VIRGINIA**

### **Department of Health DIVISION OF SHELLFISH SANITATION**

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#### **WINTER HARBOR AND GARDEN CREEK Growing Area # 038 Mathews County Shoreline Sanitary Survey**

**Date:** 10 January 2003

**Survey Period:** July 30 – August 23, 2002

**Total Number of Properties Surveyed:** 378

**Surveyed By:** G.A. Wood

#### **SECTION A: GENERAL**

This survey area extends from Reference Point 38 at the end of Route 645 to Reference Point 39 at Beach Point, including the Chesapeake Bay shoreline between these two points, Winter Harbor and Garden Creek and all their tributaries.

The topography of this area is low, flat, and marshy with poor drainage despite an extensive surface drainage ditch system. The population is moderate with a slight concentration around the community of Onemo. A small stretch of beach off Route 609, some of the shoreline on the southern end of Winter Harbor, and the tip of Potato Neck off Route 608 has been developed into residential properties that are mostly seasonal, including many mobile homes and trailers. The economy is dependent primarily on agriculture and recreation.

Meteorological data indicated that 0.0" of rain fell July 30-31 and 0.43" of rain fell August 1-23 for a total rainfall of 0.43" for the survey period.

The number of properties within the survey area has decreased from 414 to 378 since the last survey. There is one commercial marina within the survey area (property # 2), Winter Harbor Haven. The other sources of boat pollution (property # 1 and property # 12) are public facilities operated by Mathews County. Sources of animal pollution have decreased from twelve to nine sources.

There are currently no restrictions on shellfish harvesting in this area. Copies of bacteriological, hydrographical, and shellfish closure data are available at the area field office for review. Copies of the current condemnation notices and maps are available via the internet at <http://www.vdh.virginia.gov/oehs/shellfish/>.

Information in this report is gathered by and primarily for use of the Division of Shellfish Sanitation, Virginia Department of Health, in order to fulfill its responsibilities of shellfish growing area supervision and classification. However, the data are made available to various agencies participating in shellfish program coordinated activities or other interested parties.

Report copies are provided to the local health department for corrective action of deficiencies listed on the summary page in Section B.2. The Division of Soil and Water Conservation is provided information on possible sources of animal pollution found in Section E.

This report lists only those properties that have a sanitary deficiency or have other environmental significance. Individual field forms with full information on properties listed in this report are on file in the Richmond office of the Division of Shellfish Sanitation and are available for reference until superseded by a subsequent survey of the area.

## **SECTION B: SEWAGE POLLUTION SOURCES**

### **SEWAGE TREATMENT FACILITIES**

-None-

### **ON-SITE SEWAGE DEFICIENCIES**

4. CONTRIBUTES POLLUTION, ***DIRECT*** – Location: HC 69, Box 8455, Port Haywood 23238. Dwelling - tan vinyl sided 1 story with red shutters on an elevated foundation. 2 persons. Effluent flowing to ground over septic tank and drain field within 3 feet of ditch flowing to Winter Harbor Creek. System shared with adjacent property occupied part-time. Sanitary Notice issued 7-31-02 to field # 18.
9. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) - Location: HCR 69, Box 6900, Onemo 23130. Dwelling - white wood sided 2 story farmhouse with red shutters and trim. 4 persons. Laundry machine located in outbuilding drains to ditch. Sanitary Notice issued 8-2-02 to field #98.
14. CONTRIBUTES POLLUTION - Location: General Delivery, Onemo 23130. Dwelling - white wood sided 2 story farmhouse. 1 person. Collapsed septic tank (apparently no longer in use) exposing contents. Newer septic tank has 2 foot diameter hole next to it. Sanitary Notice issued 8-6-02 to field # 167.
15. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) - Location: General Delivery, Onemo 23130. Dwelling - white wood sided 1 story. 2 persons. Laundry wastes drains to ditch. Sanitary Notice issued 8-8-02 to field # 222.
16. CONTRIBUTES POLLUTION - Location: PO Box 596, Mathews 23109. Dwelling - white hardboard siding 1½ story with green shutters. No contact. Effluent erupting to ground over septic tank. Sanitary Notice issued 8-8-02 to field # 230.
17. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) - Location: General Delivery, Onemo 23130. Dwelling - white wood sided 1½ story with green shutters. 1 person. Laundry wastes drains to ground surface through 2" pipe. Sanitary Notice issued 8-8-02 to field # 213.
18. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) - Location: PO Box 1534, Mathews 23109. Dwelling - white wood sided 2 story farmhouse with black shutters. No contact. Laundry wastes drains to ground through a hose from window. Sanitary Notice issued 8-8-02 to field # 227.
21. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) - Location: HC 69 Box 198, Mathews 23109. Dwelling - white asbestos shingle siding 1½ story. 2 persons. Kitchen and laundry wastes drain to grease trap then piped into ditch. Sanitary Notice issued 8-13-02 to field # 245.

24. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) - Location: Box 1244, Mathews 23109. Dwelling - white vinyl sided 2 story farmhouse. 2 persons. Laundry waste drains to ditch through 1½" PVC pipe. Sanitary Notice issued 8-7-02 to field # 196.
26. CONTRIBUTES POLLUTION - Location: HC 69 Box 1865, Mathews 23109. Dwelling - white wood sided 2 story with green shutters. No contact. Effluent erupting to ground over septic tank and drain field. Sanitary Notice issued 8-22-02 to field # 346.
28. NO FACILITIES – Owner: 3402 Parklawn Avenue, Baltimore, MD 21213. Dwelling - white wood sided 2 story. 2 persons. Portable toilet in front yard. Sanitary Notice issued 8-23-02 to field # 374.
29. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) - Location: HC 69 Box 1520, Mathews 23109. Dwelling - white wood sided 2 story with brick trim on the front porch. 1 person. Laundry waste drains to ditch through 3 inch pipe. Sanitary Notice issued 8-21-02 to field # 326.
30. CONTRIBUTES POLLUTION - Location: HC69 Box 1500, Mathews 23109. Dwelling - gray vinyl sided 1 story with dark gray shutters. No contact. Effluent flows to ditch by the driveway. Septic tank and drain field in the rear of house. Sanitary Notice issued 8-21-02 to field # 343.
32. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) - Location: HC 69 Box 1350, Mathews 23109. Dwelling - white wood sided 2 story farmhouse with black shutters. 2 persons. Bathroom sink and laundry wastes drain to ground through 2" PVC pipe. Sanitary Notice issued 8-14-02 to field # 276.
33. NO FACILITIES - Location: HC 69 Box 1750, Mathews 23109. Dwelling - white mobile home with red trim. 1 person. Privy collapsed. Occupant uses bucket and throws contents into woods. Sanitary Notice issued 8-15-02 to field # 315.
34. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) - Location: Box 383, Mathews 23109. Dwelling - white asbestos shingle 1 story. 1 person. Effluent from grease trap draining to ground at end of drain line. Sanitary Notice issued 8-20-02 to field # 318.
38. NO FACILITIES - Roy's Bike Works HC 69 Box 52, Moon 23119. Business - greenish tan block building with white trim and silver tin roof. Motorcycle repair shop. 1 employee. Uses portable toilet for employee and clients. Sanitary Notice issued 8-15-02 to field # 297.
40. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) - Location: HC 69 Box 4670, Diggs 23045. Dwelling - white vinyl sided 1 story with green shutters. No contract. Contents of grease trap drain to ditch approximately 100' from house through a perforated 4" drain pipe. Sanitary Notice issued 8-13-02 to field # 265.
44. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) - Location: HC 69 Box 4590, Diggs 23045. Dwelling - gray vinyl sided 1 story modular home. No contact. Laundry waste drains to ground through underground 2" PVC pipe. Sanitary Notice issued 8-13-02 to field #262.

45. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Owners: 1417 Todds Lane, Hampton 23669. Dwelling - white vinyl sided 2 story with blue shutters and a red door. No contact. Laundry waste piped to woods through 1" black plastic pipe. Sanitary Notice issued 8-22-02 to field # 352.
47. CONTRIBUTES POLLUTION - Location: 755 General Delivery, Diggs 23045. Dwelling - ivory vinyl sided mobile home with green shutters. 4 persons. Effluent drains to pit and then to a makeshift drainfield. Sanitary Notice issued 8-22-02 to field # 356.
48. NO FACILITIES - Location: PO Box 4195, Diggs 23045. Dwelling - white wood siding 1 story. 1 person. Pit privy inaccessible. Occupant uses a chamber pot and
- CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) - Kitchen waste piped to ditch. Sanitary Notice issued 8-22-02 to field # 358.

### POTENTIAL POLLUTION

3. Location: 2263 North Reedy Lake Boulevard, Frostproof, FL 33843. Dwelling - taupe vinyl sided 1 story with green shutters on elevated brick foundation. No contact. Ground over septic tank and a portion of the drain field has standing water during a very dry period; no septic odor present.
5. Location: PO Box 428, Hopewell 23860. Dwelling - olive brown wood sided 1 story on elevated foundation. No Contact. Two 1½" PVC pipes drain to ditch behind freestanding garage. One appears to drain fish cleaning station.
8. Location: HC 69, Box 7200, Onemo 23130. Dwelling - white wood frame 1½ story with green shutters. No contact. 2" pipe of unknown origin drains to ditch but no evidence of discharge at time of inspection.
10. Location: HC 69, Box 6600, Onemo, VA 23130. Dwelling - Gray wood sided stable with living quarters above. Three horses in stalls. No contact. Clearstream Wastewater Treatment System in use. Appears to have overflowed at some point but dry on inspection.
11. Location: General Delivery, Onemo 23130. Dwelling - white Cape Cod with brown shutters. 1½" PVC pipe runs underground from unknown source to Winter Harbor Creek. No evidence of discharge at time of inspection.
13. Location: PO Box 57, Onemo 23130. Dwelling - red brick 1 story with white trim and red door. No Contact. 3" black plastic pipe drains to ditch behind house. Apparently unused.
20. Location: PO Box 882, Mathews 23109. Dwelling -gray asbestos shingles 2 story with red shutters and white trim. No contact. 2" pipe of undetermined origin drains to ditch. No evidence of laundry or kitchen waste at time of inspection.
22. Location: HC 69, Box 1927, Mathews 23109. Dwelling - tan over white mobile home with brown shutters and trim. No contact. Area over septic tank and drain field sunken but dry. Very likely backs up in wet weather as area is near the water and very low elevation.
35. Location: Box 194, Mathews 23109. Dwelling - white mobile home with black trim. No contact. 1½" black plastic pipe of undetermined origin drains to ditch. Inspection limited by the presence of a guard dog.

41. Location: PO Box 385, Mathews 23109. Dwelling - gray vinyl sided 2 story with white shutters and trim. No contact. Grease trap shows signs of overflow from recently installed line.
46. Location: PO Box 251, Hudgins 23076. Dwelling - white vinyl sided one story with black shutters. No contact. 2" PVC pipe from garage goes underground to unknown destination.

## **SECTION C: NON-SEWAGE WASTE SITES**

### **INDUSTRIAL WASTES**

-None-

### **SOLID WASTE DUMPSITES**

-None-

## **SECTION D: BOATING ACTIVITY**

### **MARINAS**

2. Winter Harbor Haven Marina, end of Route 608, Mathews 23109. Owner: PO Box 2489, Peary 23138. Commercial marina. 1 person. 29 seasonal slips, 3 transient slips and 19 dry storage spaces available. Present at time of inspection were 19 boats under 26' in wet slips. Boating services provided include an in-out ramp, electricity and water. Containers are available for solid waste collection. Sanitary facilities include 1 commode, 1 lavatory and 1 shower for men; and for women there is 1 commode and 1 lavatory. Sewage disposal is by septic tank with drainfield which appeared to be working satisfactorily at time of inspection. Boat holding tank pump-out facilities and portable toilet dump station facilities are provided at this location.

### **OTHER PLACES WHERE BOATS ARE STORED**

12. Mathews County Public Landing, end of Route 611, Mathews 23109. Owner: Virginia Department of Transportation, 1221 East Broad Street, Richmond 23219. Public boat landing. No contact. 20 seasonal slips available. Present at time of inspection were 7 boats under 26' in wet slips. The only boating service provided is an in-out ramp. There are no containers for solid waste. There are no sanitary facilities, no boat holding tank pump-out facilities and no portable toilet dump station facilities provided at this location.

### **UNDER SURVEILLANCE**

1. Public Dock and Ramp, end of Route 608 next to Winter Harbor Haven Marina, Mathews 23109. Owner: Mathews County, PO Box 839, Mathews 23109. Public landing. No contact. 10 transient slips available. There were no boat present at time of inspection. The only boating service is a launch ramp which is in a state of disrepair. There are no sanitary facilities, no boat holding tank pump-out facilities and no portable toilet dump station facilities provided at this location.

## SECTION E: CONTRIBUTES ANIMAL POLLUTION

6. Location: HC 69 Box 7780, Mathews 23109. Dwelling - white aluminum sided 2 story. 3 persons. Present at the time of the survey were 1 pig, 2 peafowl, 12 to 15 geese, 1 turkey, 6 chickens and 2 guinea fowl in pens 50 to 150 feet from drainage ditches. Manure is composted in the garden.
7. Location: PO Box 231, Mathews 23190. Dwelling - red brick 1 story with red trim. 3 persons. Present at time of survey were approximately 25 to 30 chickens in pens within 200 feet of Winter Harbor Creek.
9. Location: HCR 69 Box 6900, Onemo 23130. Dwelling - white wood sided 2 story farmhouse with red shutters and trim. 4 persons. Present at the time of the survey were 9 dogs, 20 fowl (chickens, peafowl, and geese), 1 mule and 3 horses. Ditches adjacent to pasture and pens drain to Winter Harbor Creek approximately ¼ mile distant.
10. ***DIRECT*** - Location: HC 69 Box 6600, Onemo 23130. Dwelling - gray wood sided stable with living quarters above. No contact. Present at the time of the survey were 3 horses with direct access to a water-filled ditch that flows 50 feet to Winter Harbor Creek.
19. Location: General Delivery, Onemo 23130. Dwelling - gray vinyl sided 1 story with red and white trim and a 2 story garage. No contact. Present at the time of the survey were 25 chickens in pens approximately 300 yards from Winter Harbor Creek.
23. Location: General Delivery, Onemo 23130. Dwelling - yellow wood siding 2 story with blue trim. 1 person. Present at time of survey were 3 cows and 2 horses in fenced pasture 150' from Garden Creek.
25. Location: PO Box 201, Port Haywood 23138. No contact. Dwelling - green wood sided 2 story with green shutters. No contact. Present at the time of the survey were 1 horse and 25 free roaming domestic geese, ducks and chickens. Manure rots on the ground.
27. Location: HC 69 Box 1860, Mathews 23109. Dwelling - pink wood sided 2 story with blue trim. Present at the time of the survey were 1 bull, 2 sheep and 35 to 40 free roaming domestic geese, chicken and guinea fowl. Manure is either composted or allowed to rot in the fields.
31. Location: HC 69 Box 1485, Mathews 23109. Dwelling - white vinyl sided 2 story with green shutters. 2 persons. Present at the time of the survey were 1 mule, 1 donkey, 6 hogs, 3 cows and 30 domestic fowl. Manure decomposes in field.
37. Location: PO Box 920, Mathews 23109. Dwelling - tan wood sided 2 story with green shutters. 4 persons. Present at the time of the survey were 5 goats and 5 horses. Manure decomposes in field or is collected for composting.
39. Location: Northwest corner of intersection between route 611 and route 613. Dwelling - white vinyl sided 2 story with black shutters. No contact. Present at the time of the survey were 8 cattle in pastures within 3 feet of drainage ditches.
42. Location: General Delivery, Moon 23119. No contact. Private kennels. Present at the time of the survey were 30 to 35 foxhounds in three enclosed kennels approximately 25 feet from a drainage ditch.

## SUMMARY

Area # 038  
Winter Harbor and Garden Creek  
10 January 2003

### SECTION B: SEWAGE POLLUTION SOURCES

#### 1. SEWAGE TREATMENT WORKS

0 – DIRECT – None

0 – INDIRECT – None

0 – B.1. TOTAL

#### 2. ONSITE SEWAGE DEFICIENCIES

1 – CONTRIBUTES POLLUTION, DIRECT – # 4

5 – CONTRIBUTES POLLUTION, INDIRECT – # 14, 16, 26, 30, 47

0 – CP (Kitchen or Laundry Wastes), DIRECT – None

13 – CP (Kitchen or Laundry Wastes), INDIRECT – # 9, 15, 17, 18, 21, 24, 29, 32, 34,  
40, 44, 45, 48

0 – NO FACILITIES, DIRECT – None

4 – NO FACILITIES, INDIRECT – # 28, 33, 38, 48

23 – B.2.TOTAL

#### 3. POTENTIAL POLLUTION

12 – POTENTIAL POLLUTION – # 3, 5, 8, 10, 11, 13, 20, 22, 35, 36, 41, 46

### SECTION C: NON-SEWAGE WASTE SITES

#### 1. INDUSTRIAL WASTE SITES

0 – DIRECT – None

0 – INDIRECT – None

0 – C.1. TOTAL

#### 2. SOLID WASTE DUMPSITES

0 – DIRECT – None

2 – INDIRECT – # 25, 42

2 – C.2. TOTAL

### SECTION D: BOATING ACTIVITY

1 – MARINAS – # 2

1 – OTHER PLACES WHERE BOATS ARE MOORED – # 12

1 – UNDER SURVEILLANCE – # 1

3 – D. TOTAL

### SECTION E: CONTRIBUTES ANIMAL POLLUTION

1 – DIRECT – # 10

11 – INDIRECT – # 6, 7, 9, 19, 23, 25, 27, 31, 37, 39, 43

12 – E. TOTAL

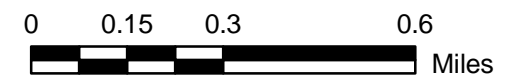


Virginia Department of Health  
Division of Shellfish Sanitation

Winter Harbor and Garden Creek  
# 038  
Shoreline Sanitary Survey

Mathews County

Date: 10 January 2003  
Survey By: G.A. Wood  
Number of Properties Surveyed: 378



**Legend**

**Seawater Sampling Stations**

- Active
- Inactive

**Shoreline Survey Deficiencies**

- Sewage Treatment Facility - Direct
- Sewage Treatment Facility - Indirect
- Contributes Pollution - Direct
- Contributes Pollution - Indirect
- Contributes Pollution (Kitchen or Laundry wastes) - Direct
- Contributes Pollution (Kitchen or Laundry wastes) - Indirect
- No Facilities - Direct
- No Facilities - Indirect
- Potential Pollution
- Industrial Wastes, Direct
- Industrial Wastes, Indirect
- Solid Waste Dumpsite - Direct
- Solid Waste Dumpsite - Indirect
- Boating Activity
- Contributes Animal Pollution - Direct
- Contributes Animal Pollution - Indirect

Geographic coordinates in NAD83 datum,  
shown in degrees, minutes & seconds.